

Title (en)
CUTTING INSERT AND SHOULDER MILLING TOOL

Title (de)
SCHNEIDEINSATZ UND SCHULTERFRÄSWERKZEUG

Title (fr)
INSERT DE DÉCOUPE ET OUTIL DE FRAISAGE D'ÉPAULEMENT

Publication
EP 3338926 A1 20180627 (EN)

Application
EP 16206346 A 20161222

Priority
EP 16206346 A 20161222

Abstract (en)
Herein a cutting insert (2) and a shoulder milling tool (60) are disclosed. The cutting insert (2) comprises a surface-wiping secondary cutting edge (28) inclined in relation to a median plane of the cutting insert (2) such that a distance to the median plane (4) decreases in a direction toward a corner cutting edge (26). The corner cutting edge (26), as seen in a side view along the median plane (4) and towards a main cutting edge (24), comprises a concave curve.

IPC 8 full level
B23C 5/06 (2006.01); **B23C 5/20** (2006.01); **B23C 5/22** (2006.01)

CPC (source: EP KR US)
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Citation (applicant)
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Citation (search report)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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EP 3338926 A1 20180627; **EP 3338926 B1 20230726**; BR 112019012552 A2 20191112; BR 112019012552 B1 20220920; CN 110035856 A 20190719; CN 110035856 B 20220201; JP 2020501925 A 20200123; JP 7158387 B2 20221021; KR 102382900 B1 20220404; KR 20190100195 A 20190828; US 11229961 B2 20220125; US 2019321898 A1 20191024; WO 2018114131 A1 20180628

DOCDB simple family (application)
EP 16206346 A 20161222; BR 112019012552 A 20171110; CN 201780075041 A 20171110; EP 2017078839 W 20171110; JP 2019534140 A 20171110; KR 20197017698 A 20171110; US 201716472725 A 20171110